



1731

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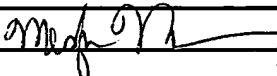
Total Number of Pages in This Submission

Application Number	09/942,832
Filing Date	August 30, 2001
First Named Inventor	Richard B. Pitbladdo
Art Unit	1731
Examiner Name	Sean Vincent
Total Number of Pages in This Submission	6
Attorney Docket Number	PIT-2

### ENCLOSURES (Check all that apply)

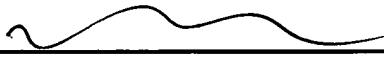
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> 18 References
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Post Card
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brown & Michaels PC
Signature	 Reg. No. 45,612
Date	3/19/04

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Justin Wood
Signature	
	Date 3/19/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**O I P E J U C T Y**  
**PATENT & TRADEMARK OFFICE**  
**MAR 12 2004**

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

**Complete if Known**

Application Number	09/942,832
Filing Date	August 30, 2001
First Named Inventor	Richard B. Pitbladdo
Examiner Name	Sean Vincent
Art Unit	1731
Attorney Docket No.	PIT-2

**METHOD OF PAYMENT (check all that apply)**
 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	02-0910
Deposit Account Name	Brown & Michaels, PC

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 0.00)</b>	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X 9.00	= 0.00
Multiple Dependent	- 3** =	X 43.00	= 0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ 0.00)</b>

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath			
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet			
1053 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action			
1251 110	2251 55	Extension for reply within first month			
1252 420	2252 210	Extension for reply within second month			
1253 950	2253 475	Extension for reply within third month			
1254 1,480	2254 740	Extension for reply within fourth month			
1255 2,010	2255 1,005	Extension for reply within fifth month			
1401 330	2401 165	Notice of Appeal			
1402 330	2402 165	Filing a brief in support of an appeal			
1403 290	2403 145	Request for oral hearing			
1451 1,510	1451 1,510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive - unavoidable			
1453 1,330	2453 665	Petition to revive - unintentional			
1501 1,330	2501 665	Utility issue fee (or reissue)			
1502 480	2502 240	Design issue fee			
1503 640	2503 320	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)			
1806 180	1806 180	Submission of Information Disclosure Stmt			180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))			
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))			
1801 770	2801 385	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 180.00)****SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Meghan Van Leeuwen	Registration No. (Attorney/Agent)	45,612	Telephone (607) 256-2000
Signature	<i>Meghan</i>		Date	3/9/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER OF PATENTS AND TRADEMARKS

Alexandria VA 22313-140

Serial No. 09/942,832  
Applicant: Richard B. Pitbladdo  
Filed: August 30, 2001  
Title: GLASS HOMOGENIZING PUMP  
Art Unit: 1731  
Examiner: Sean Vincent  
Attorney Docket No.: PIT-2

## INFORMATION DISCLOSURE STATEMENT

### List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this information Disclosure Statement

1. [X] Preliminary Statements
2. [X] FORM PTO - 1449 (Modified)
3.  Statement As To Information Material To Examination Not Found in Patents or Publications
4.  Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted.
5.  Cumulative patents or Publications
6. [X] Copies of Listed Information Items Accompanying This Statement
7.  Concise Explanation of Non-English Language Listed Information Items.
8.  Translation(s) of Non-English Language Documents
9.  Certification under MPEP 609(e)
10. [X] Identification of Person(s) Making This Information Disclosure Statement

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## CERTIFICATE OF MAILING

[X] Certified Mail No: 7003 0500 0002 3235 2466

Date: March 9, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service, return receipt requested in an envelope addressed to: Mail Stop DD, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date.

03/15/2004 EAREGAY1 00000122 09942832

01 FC:1806

180.00 OP



Justin Wood

## **Section 1. Preliminary statements**

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

## **Section 2. Form PTO - 1449 (Modified) (SEE ATTACHMENT)**

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance or not considered. Include a copy of this form with the next communication to applicant.

## **Section 3. Statement As To Information Material For Examination Not Found in Patents or Publications Information not listed in PTO 1449)**

## **Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted**

## **Section 5. Cumulative Patents or Publications**

Item(s)

are cumulative of the following patents or publication listed on Form PTO 1449 (modified):

In accordance with 37 CFR 1.98(c) a copy of \_\_\_\_\_ is being submitted with this information disclosure statement.

## **Section 6. Copies of Listed Information Items Accompanying This Statement**

Legible copies of all items listed accompany this information statement.

Exception(s) to above:

- Items in prior application from which an earlier filing date is claimed for this application as identified in Section 4.
- Cumulative patents or publications identified in Section 5.

## **Section 7. Concise Explanation of Non-English Language Listed Information Items**

## **Section 8. Translation(s) of Non-English Language Documents**

- Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:
  - No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
  - The following foreign language documents submitted are believed to be the equivalent or

substantial equivalent of the English language documents identified below, which are also submitted herewith.

### Section 9. Certification under Rule 1.97

The undersigned hereby certifies that:

- a. This Statement is being filed after the latest of (1) three months after the filing date of a national application; (2) three months after the date of entry of the national stage as set forth in w 1.491 in an international application; (3) the mailing date of a first Office action on the merits.
- b. The fee set forth in §1.17(p)

Is being paid with this Information Disclosure Statement

Is not due because:

- (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or
- (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement.

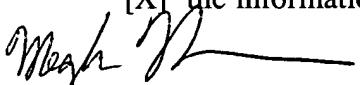
### Section 10. IDENTIFICATION OF PERSON(S) MAKING THIS INFORMATION DISCLOSURE STATEMENT

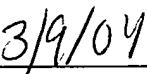
The person making this statement is

(a)  the inventor(s) who signs below

(b)  the attorney who signs below on the basis of:

- the information supplied by the inventor(s)
- an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).
- the information in the attorney's file

  
Meghan Van Leeuwen, Registration No. 45,612  
BROWN & MICHAELS, PC  
400 M&T Bank Building, 118 N. Tioga Street  
Ithaca, New York 14850-4343  
Voice: (607) 256-2000 Fax: (607) 256-3628  
e-mail: bpm@bpmlegal.com  
Customer number: 020808

  
Date:

O I P E

## Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

MAR 12 2004

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. PIT-2	SERIAL NO. 09/942,832
	APPLICANT Pitbladdo	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE August 30, 2001	GROUP 1731

## U.S. PATENT DOCUMENTS

Exam Initial	DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	2,570,078	10-1951	Spremulli	49	55	
	2,831,664	04-1958	Spremulli	259	107	
	3,352,659	11-1967	Rahe	65	178	
	3,951,635	04-1976	Rough	65	135	
	4,325,724	04-1982	Froberg	65	121	
	4,493,557	01-1985	Nayak et al.	366	300	
	5,120,342	06-1992	Richards	65	178	
	5,241,558	08-1993	Nagashima et al.	373	27	
	5,319,669	06-1994	Cox et al.	373	29	
	5,849,058	12-1998	Takeshita et al.	65	134.2	
	6,270,248	08-2001	Yoshida et al.	366	300	
	6,286,337	09-2001	Palmquist	65	157	

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO
	63-008226	1-988	Japan			English abstract
	05-229831	9-1993	Japan			English abstract
	2001-072426	3-2001	Japan			English abstract

## OTHER PRIOR ART

Exam Initial	Author, Title, Date, Pertinent Pages, Etc
	Cable et al., "A quantitative study of the homogenizing of glass melts," <u>Chemical Engineering Science</u> , February 1972, 27:409-415.
	Parker, N. H., "Liquid Mixing," <u>Chemical Engineering</u> , June 1964, p. 166-202
	Spencer et al., "The Mixing of Very Viscous Liquids," <u>J. Coll. Science</u> , 1951, 6:133-145.
EXAMINER	DATE CONSIDERED